



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, October 13, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today and Sunday

- Areas of heavy rain/flash flooding are expected both days over portions of **OK, TX, and AR**. The most likely areas for flash flooding will be in the **Moderate Risk of Excessive Rainfall** areas:
 - Today: **SE OK into North-Central TX**; Sunday: **North-Central TX**.
- Areas of heavy rain/flash flooding also possible each day:
 - Today: **S OK, W AR, N through W TX**; Sunday: **North/Central/SW TX**.
- Severe storms will be possible with damaging winds/hail the primary threat both days. Isolated tornadoes possible.
 - Today: **North, Central and Eastern TX**; Sunday: **Central into SW TX**.

Monday - Wednesday

- A strong cold front moving down into the Region will keep rain (possibly heavy) over the same general areas of **OK, AR and TX** throughout much of this week.
- The first snowfall of the season is likely over **NE into Central NM** Sunday into Monday morning; Significant snowfall up to 1 ft in the peaks of the Sangre de Cristos with several inches over the adjacent high terrain possible
 - Travel impacts to **I-25 and I-40** likely, isolated power outages, and record low temperatures are possible in **NE into Central NM** possible Sunday night into Monday.

River Flood Status

- Points along the Nueces River in **S TX** are in or forecast to rise into Major Flood in the coming days. Mostly agricultural impacts are expected, but near Cotulla many roads are likely to flood in the coming days and evacuations might be needed.
- Moderate flooding occurring or expected across **OK** for the next several days. The Washita River at Anadarko is cresting now and will begin a slow fall; impacts to campgrounds and farms. The Neosho River near Commerce in **NE OK** will remain in moderate flood through Sunday; some roads and agriculture impacted.
- Additional rain across portions of **TX, AR and OK** over the next week could slow improvements along the already impacted rivers and lead to additional moderate river flooding throughout this area due to already saturated soils.

Tropical Outlook

- Leslie in the **Eastern Atlantic** will have no impacts to **FEMA 6**.
- No additional tropical development is expected the next 5 days.

FEMA Region 6 Threat Matrix

Oct 13, 2018 – Oct 17, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	North-Central TX	Central into SW TX			
	North into Central TX	ArkLaTex into Central, S & W TX			
Heavy Rain / Flash Flooding	S OK, N-Cntrl & W-Cntrl TX, W AR	N-Central TX	N-Cntrl, Cntrl TX, SE OK	ArkLaTex through North/Central/SW TX	ArkLaTex through North/Central/SW TX
	AR, SE OK, N&W TX	ArkLaTex into N & SW TX	W-Cntrl AR into SE OK, N-Cntrl through SW TX		
Winter Weather		N-Central & NE NM	N-Central & NE NM		
Tropical Weather					
River Flooding	STX	STX	STX	STX	STX
	OK	OK			

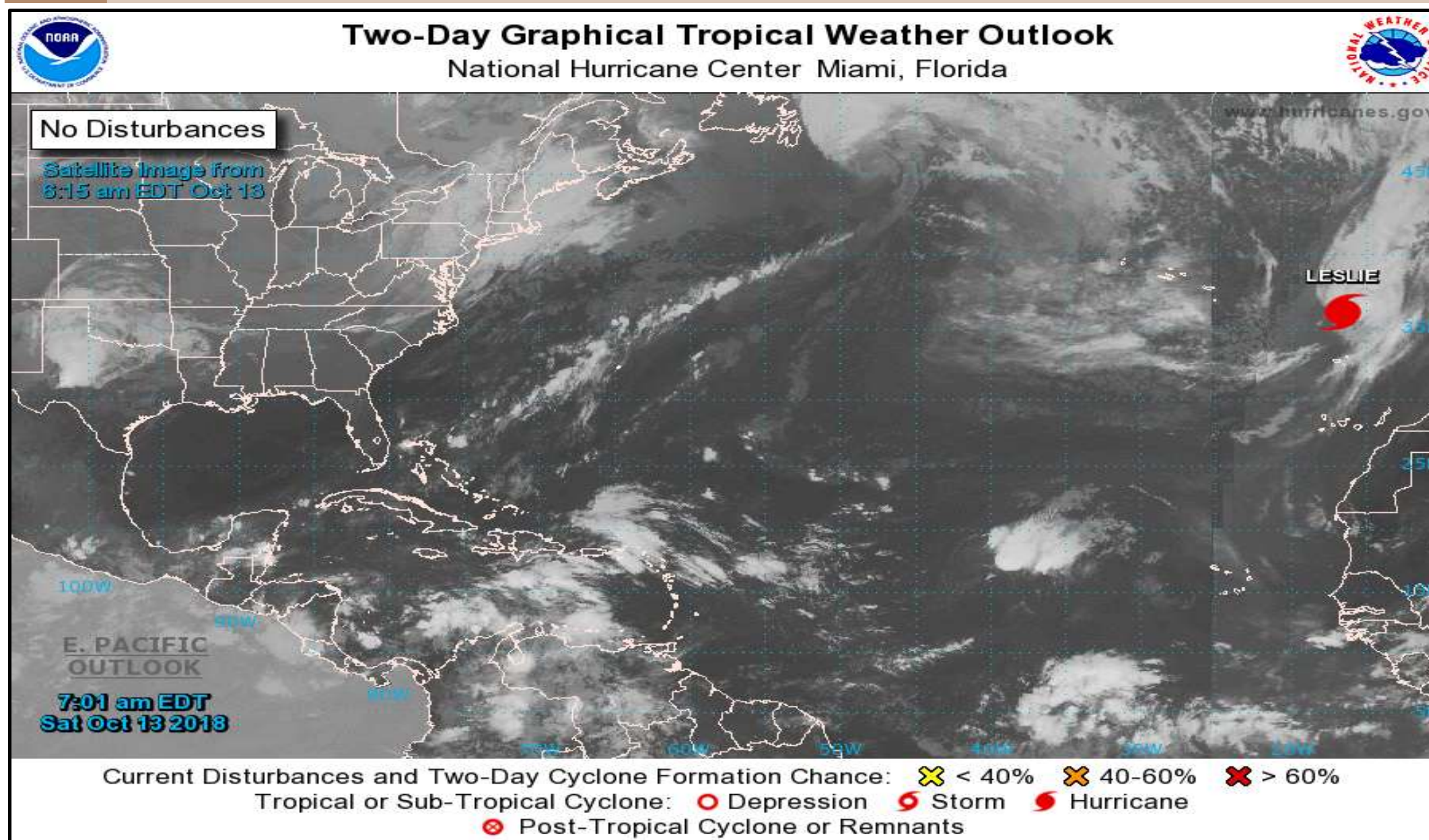
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

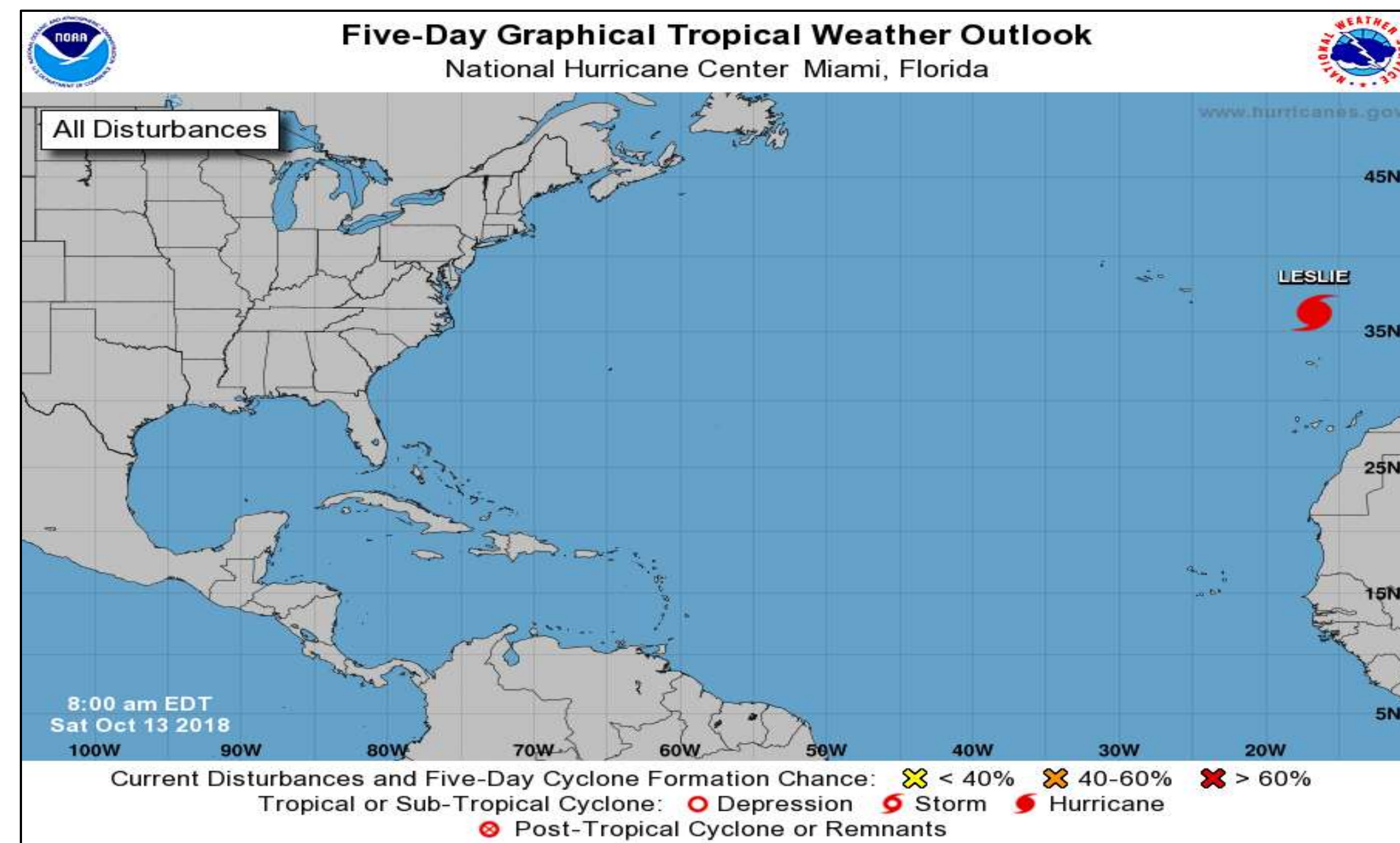
Tropical Weather Outlook – Atlantic/Gulf



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Leslie in the Eastern Pacific will have no impacts to FEMA Region 6. See next slide for the forecast track.



No additional tropical development is expected the next 5 days.

Hurricane Leslie



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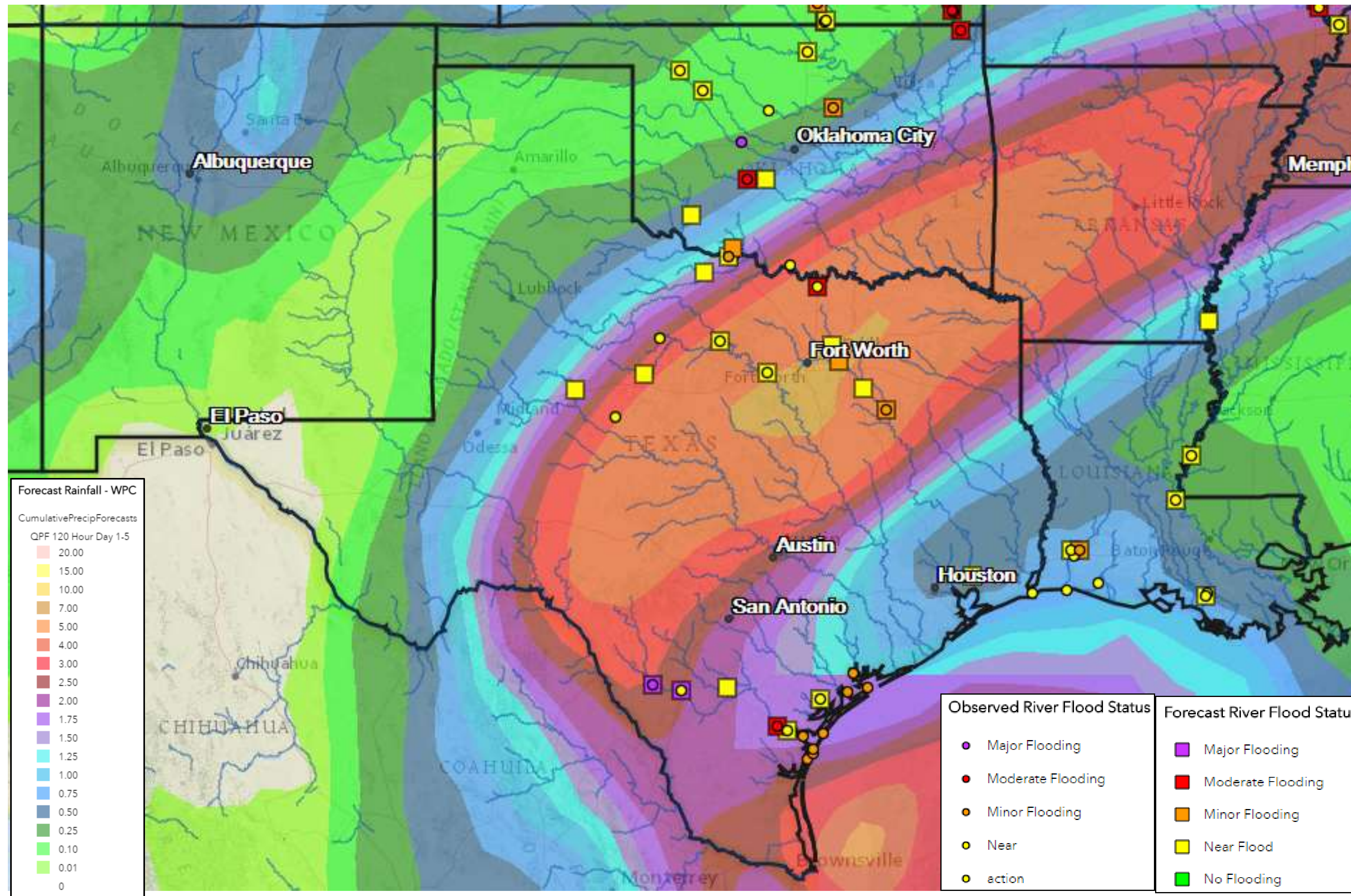
Hurricane Leslie is forecast to continue moving eastward away from the U.S. with no impacts to FEMA Region IV.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate flooding occurring or expected across OK for the next several days. The Washita River at Anadarko is cresting now and will begin a slow fall; impacts to campgrounds and farms. The Neosho River near Commerce in NE OK will remain in moderate flood through Sunday; some roads and agriculture impacted.

Points along the Nueces River in STX are in or forecast to rise into Major Flood in the coming days. Mostly agricultural impacts are expected, but near Cotulla many roads are likely to flood in coming days and evacuations might be needed.

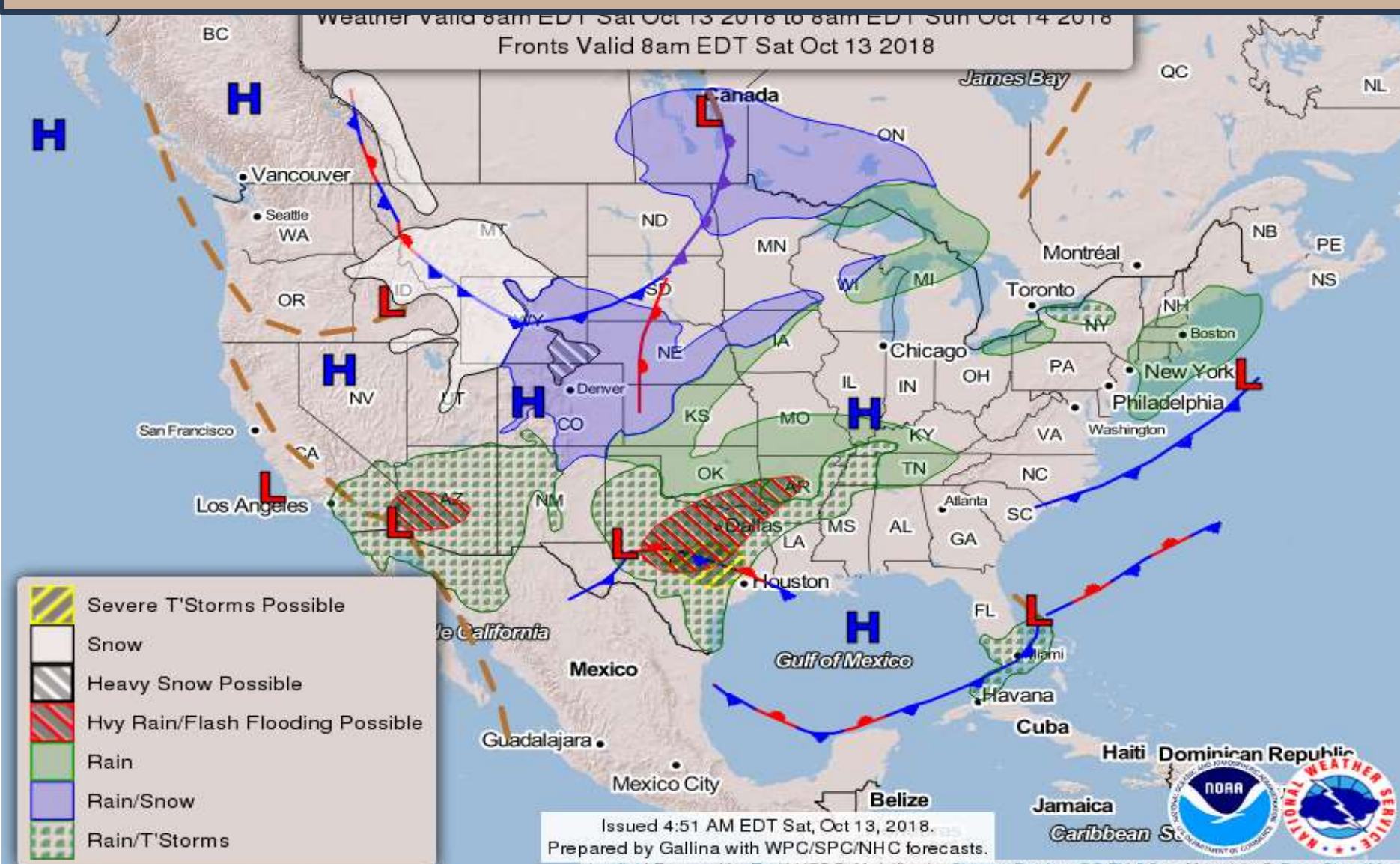
The remnants of Sergio, as well as another frontal system, are going to bring more rain across portions of TX, AR and OK through at least the middle of next week. This additional rainfall could slow improvements along the already impacted rivers and lead to additional moderate river flooding throughout this area due to already saturated soils.

Today's Weather

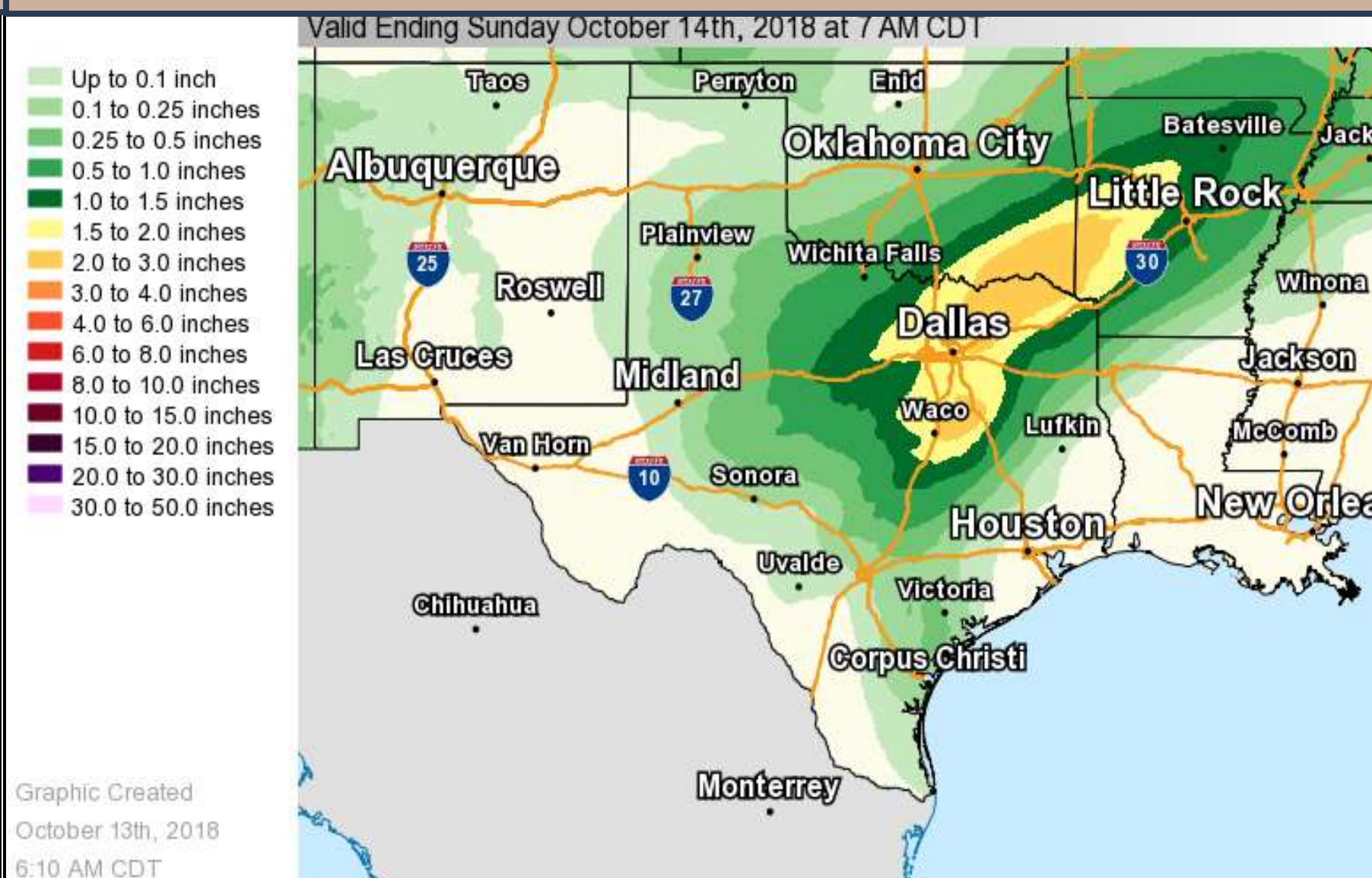


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Forecast Chart



Forecast Rainfall



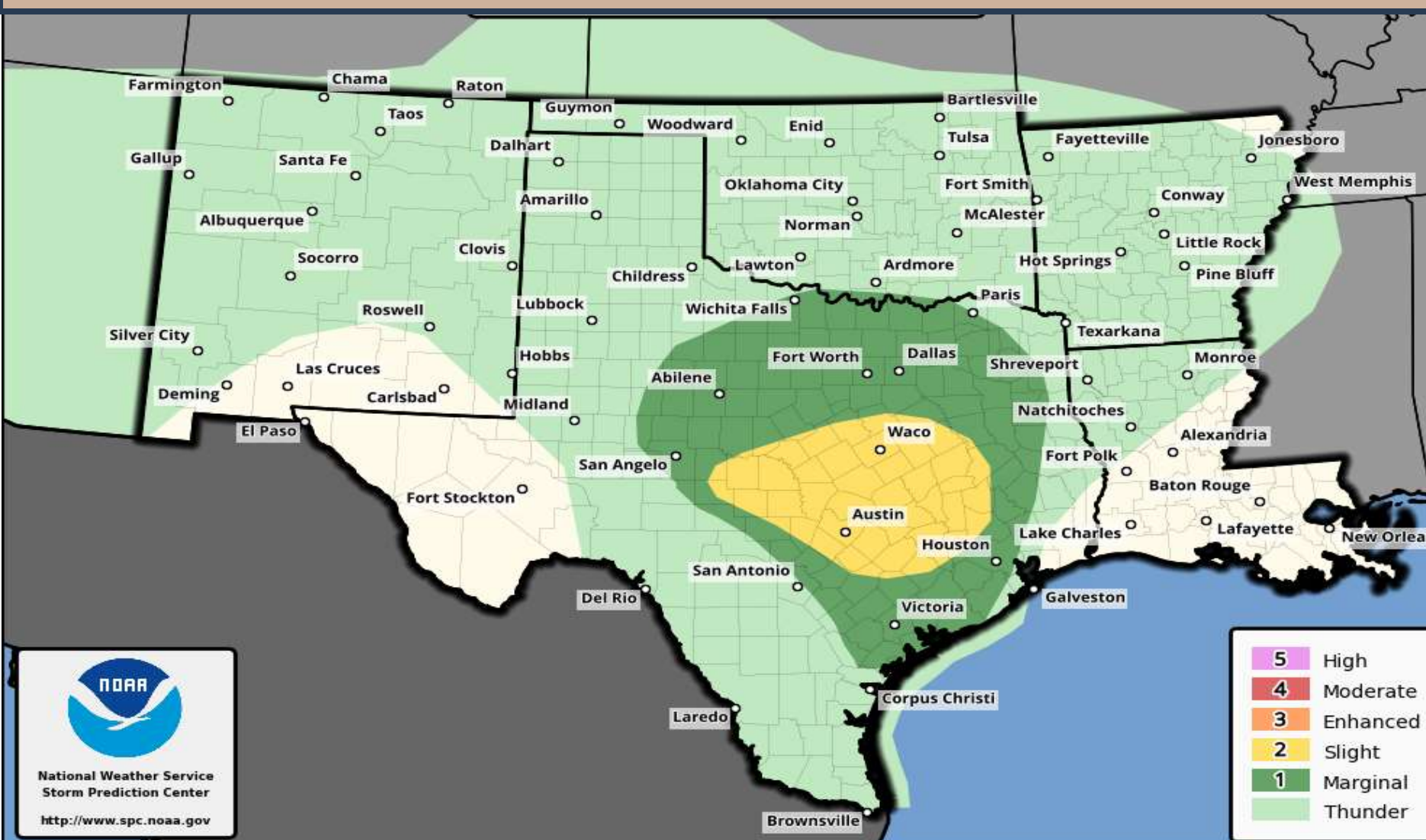
Heavy rain / flash flooding likely over S OK into N-Central & W-Central TX as well as W AR.

Areas of heavy rain/flash flooding possible throughout much of AR, SE OK and N & W TX.

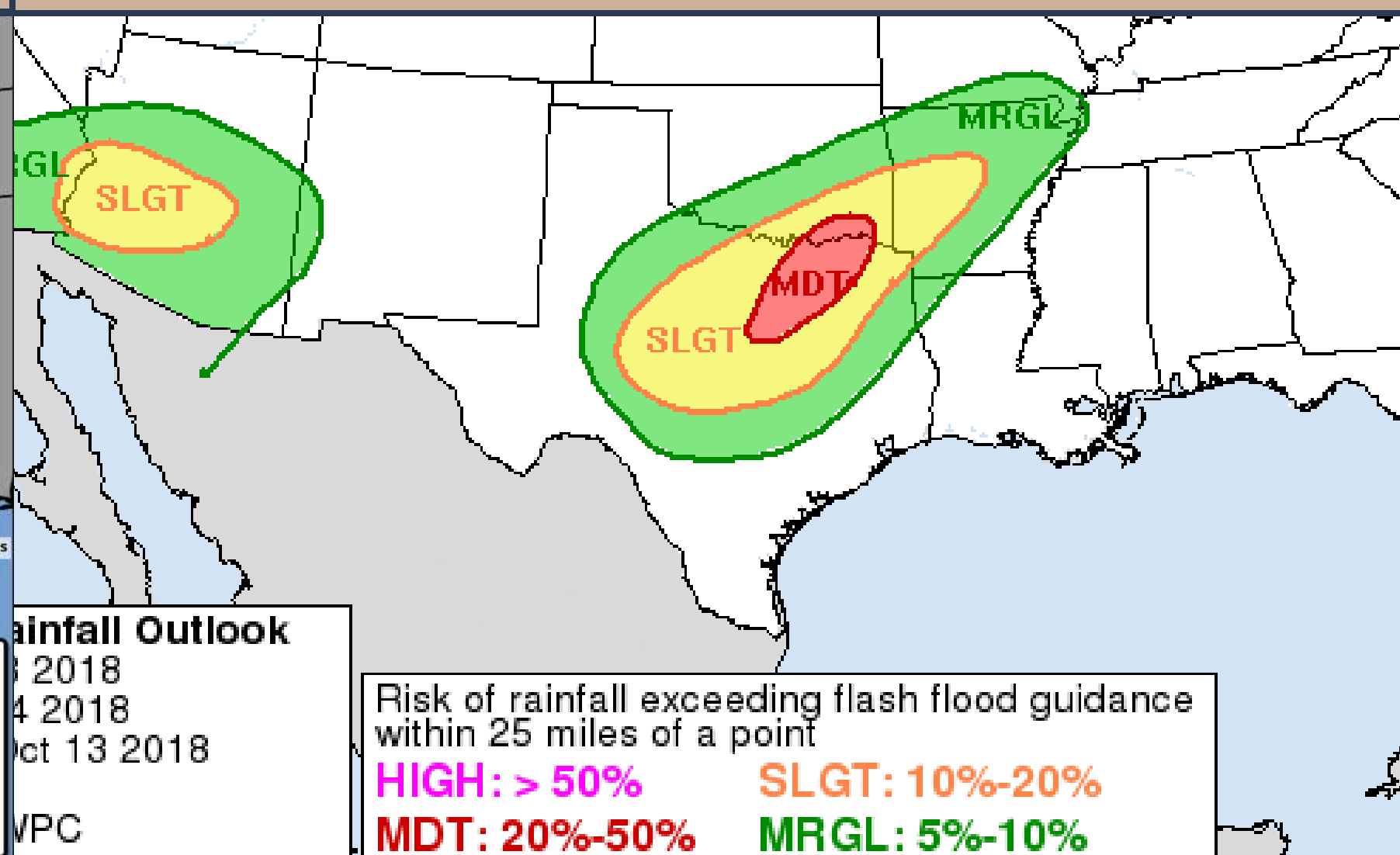
Severe storms possible in Central & E-Central TX today, damaging winds are the main threat, some hail and an isolated tornado possible as well.

Isolated strong to severe storms possible throughout much of North, Central and Eastern TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Heavy rainfall will lead to some areas of flash flooding from W AR through S OK into N & W TX.

Flood Watches are in effect for this region.

A Winter Storm Watch has been issued for portions of NE New Mexico Sunday through Monday morning.

Major travel routes, including the Interstate 25 and 40 corridors and U.S. Highway 64, are likely to be impacted. Isolated power outages due to wet snow falling on lingering foliage. Record or near-record low temperatures are expected Monday morning with high temperatures 20 to 40 degrees below normal.

Strong & Gusty Winds



Graphic Created

Winter Weather



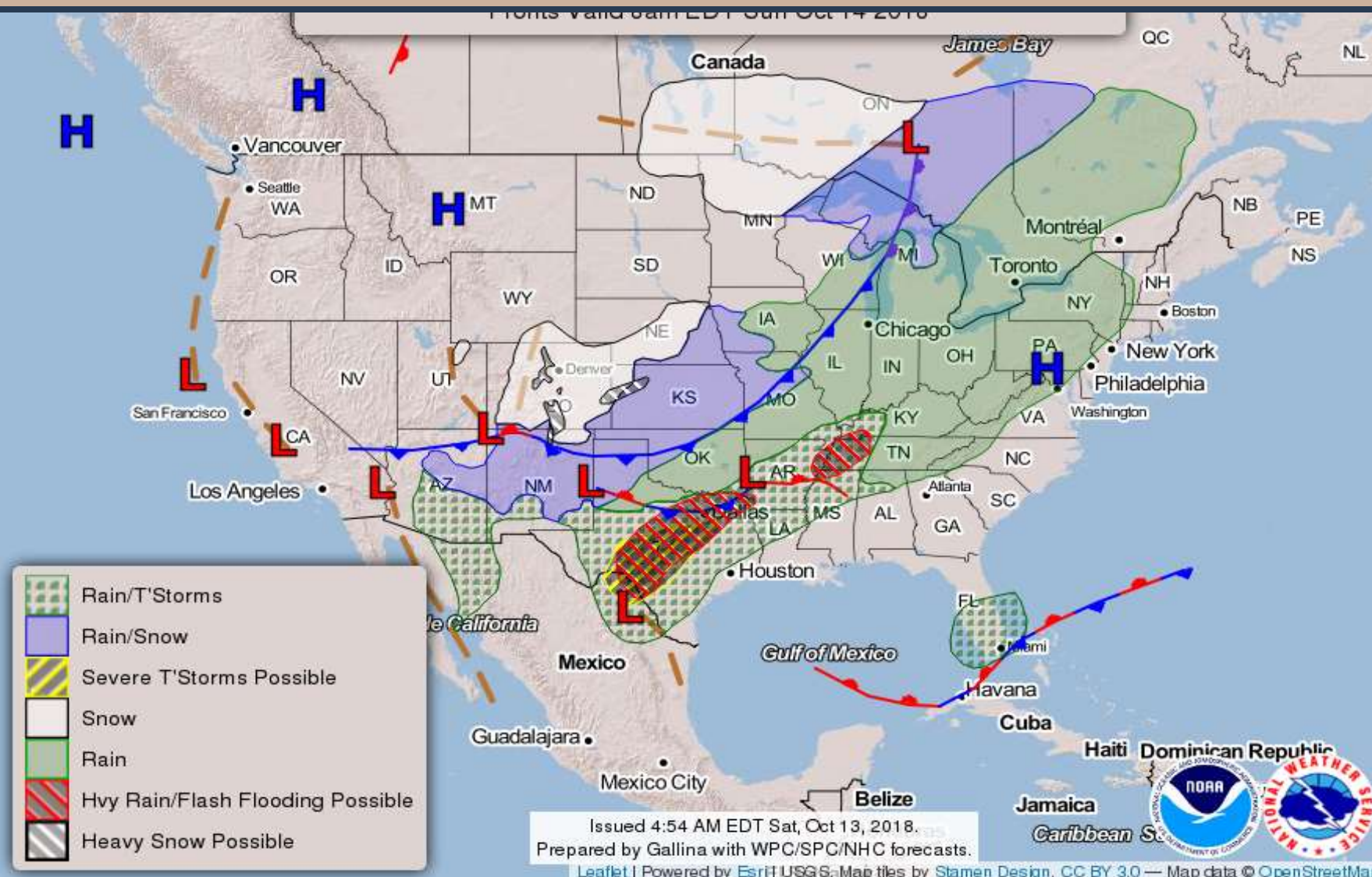
Graphic Created

Tomorrow's Weather

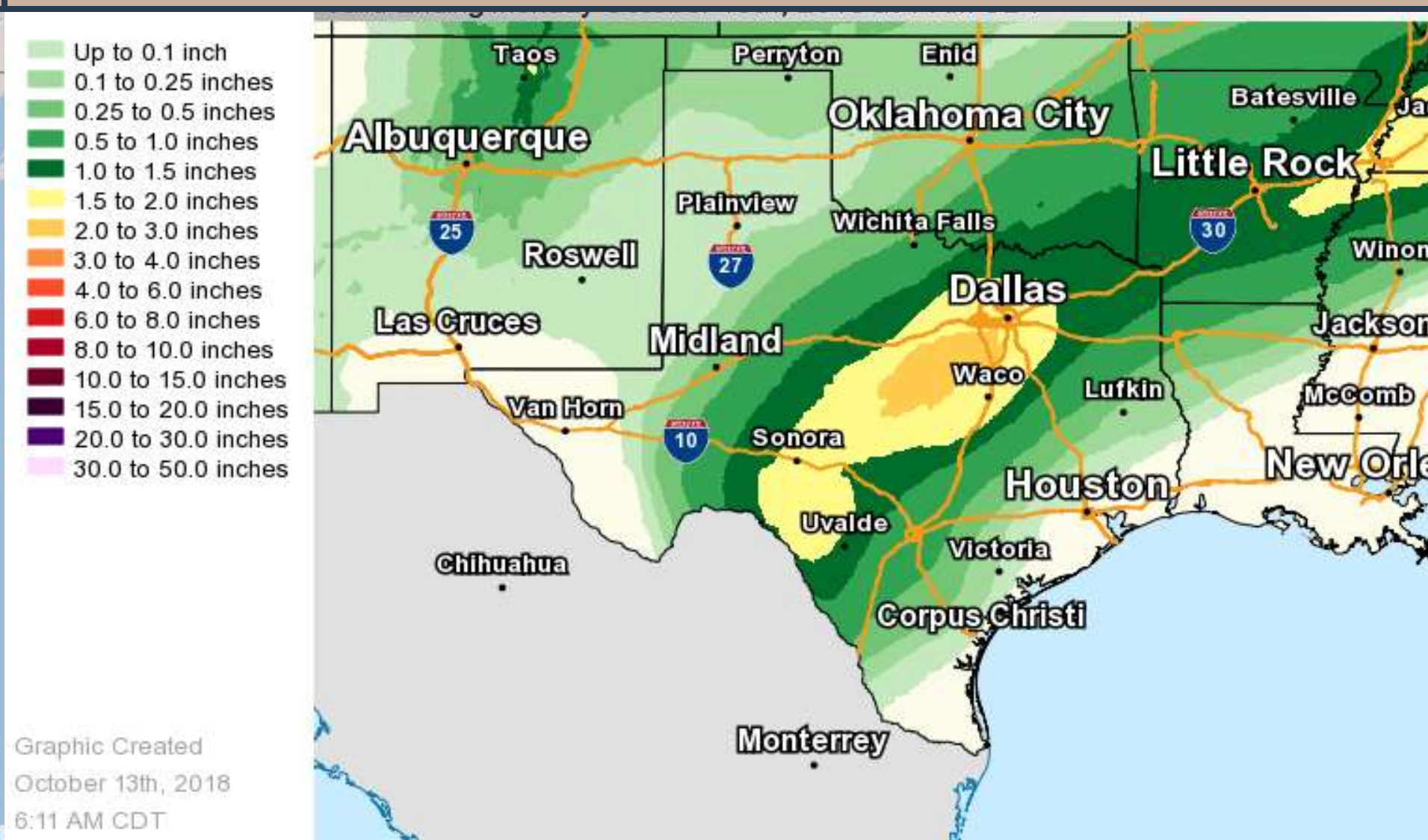


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Forecast Chart



Forecast Rainfall



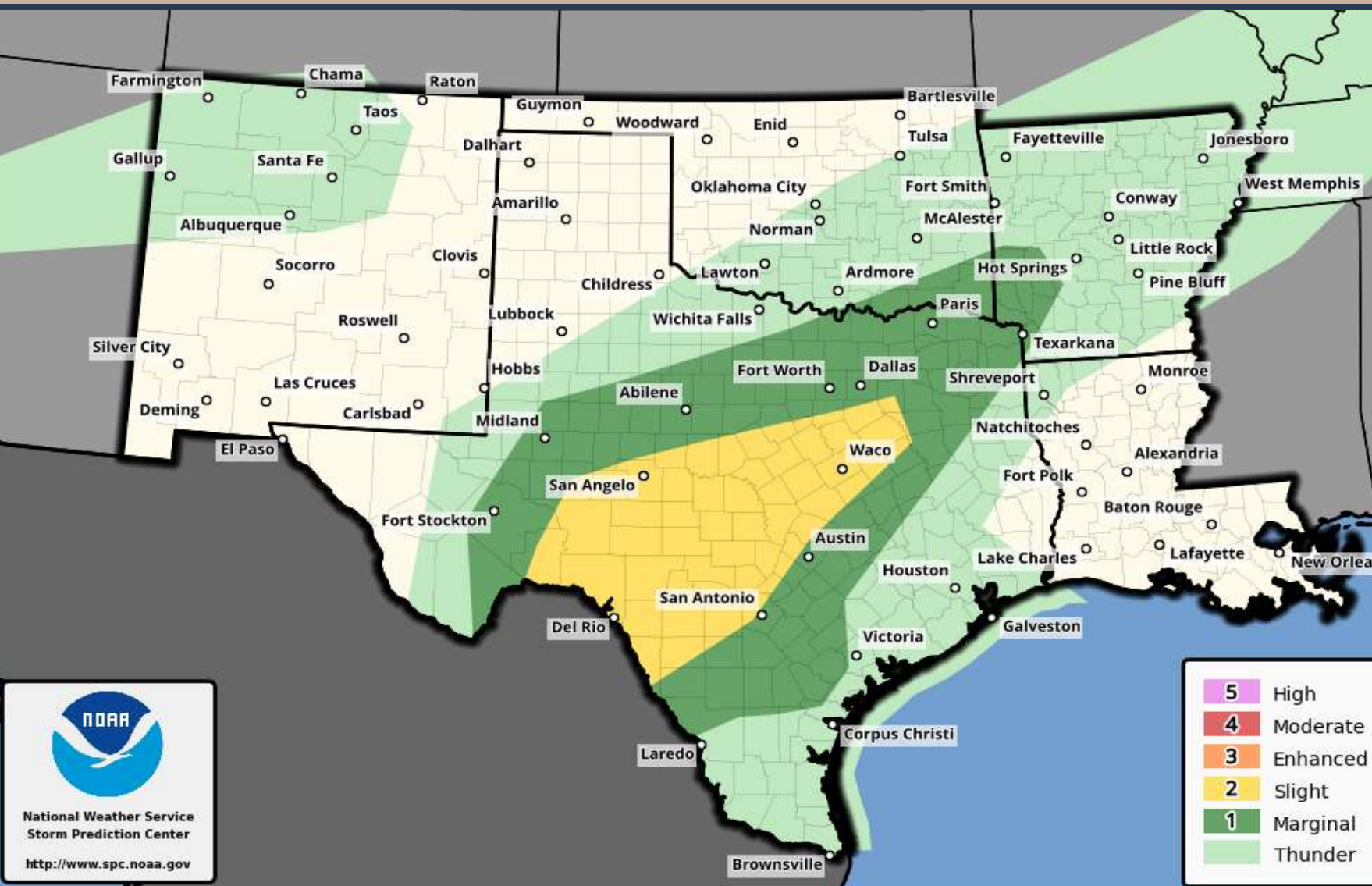
Areas of heavy rain / flash flooding continue to be likely for N-Central TX.

Isolated heavy rain possible from the ArkLaTex through NTX and into SW TX.

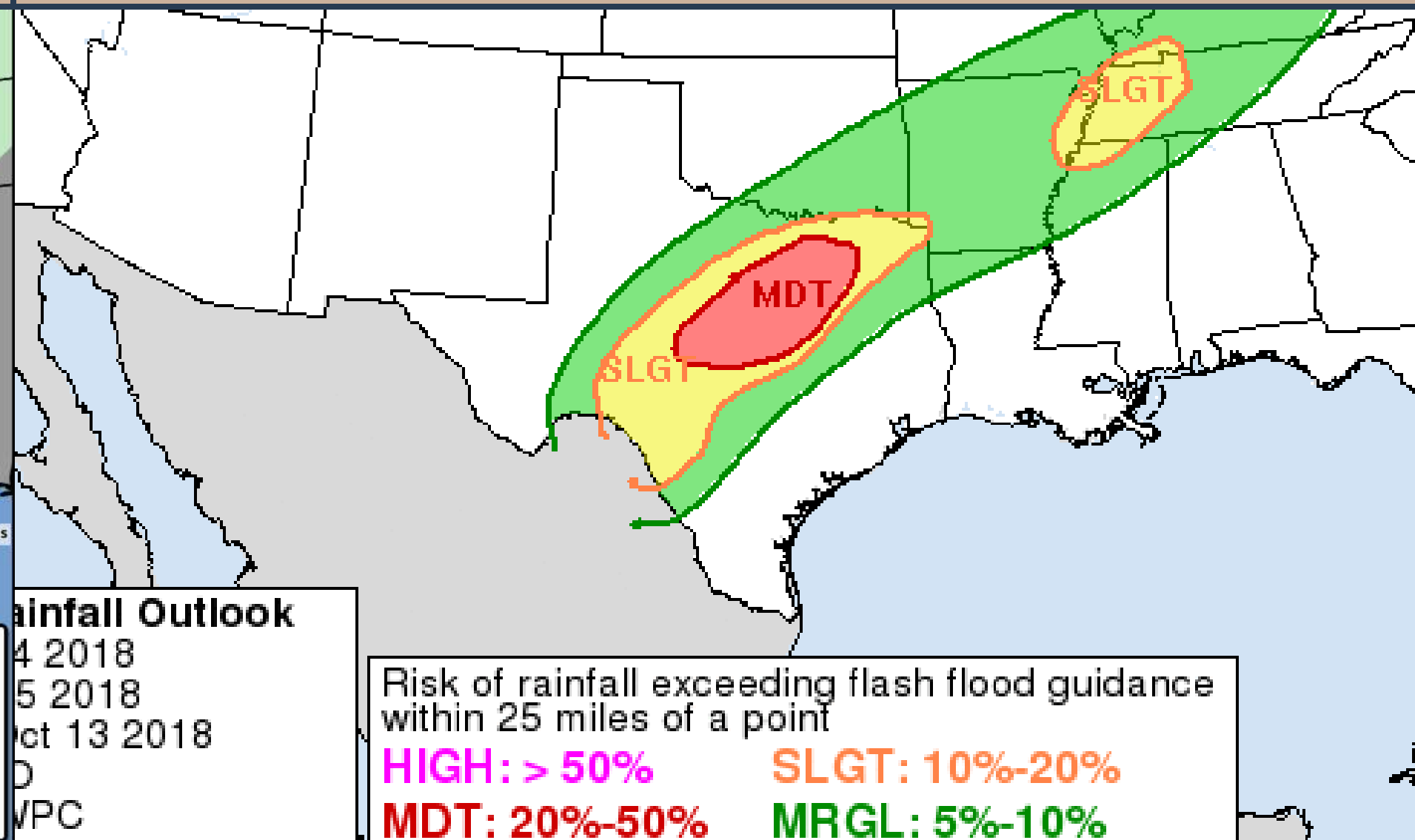
Severe storms possible from Central through SW TX; damaging winds are the main threat, hail possible.

The first snowfall of the season is likely over NE into Central NM Sunday and Monday; up to 1 ft in highest elevations with several inches in the adjacent high terrain possible, impacts to I-25 and I-40 possible Sunday night into Monday.

Severe Weather Outlook



Excessive Rainfall Outlook



Risk of rainfall exceeding flash flood guidance within 25 miles of a point

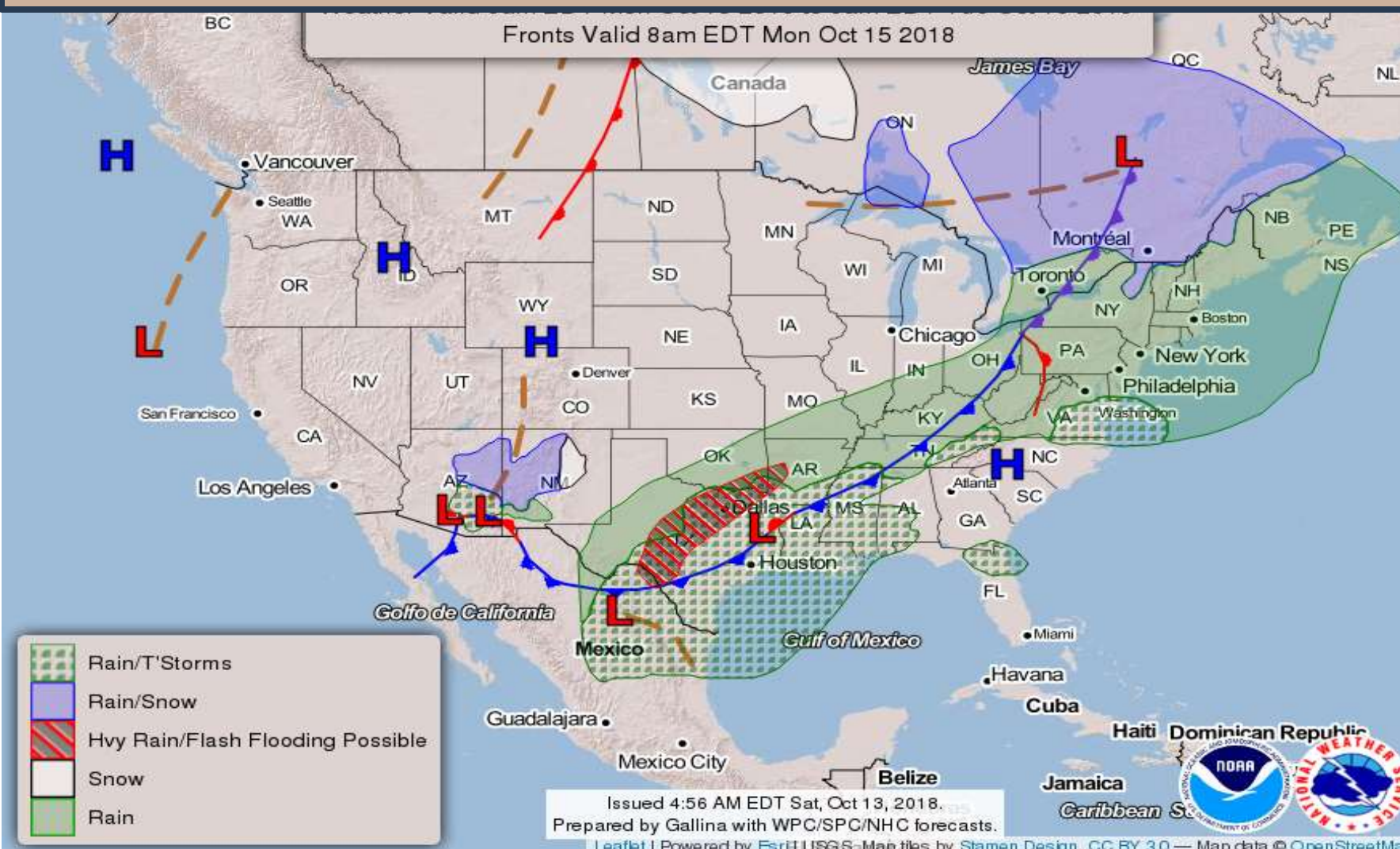
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Monday's Weather



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Forecast Chart



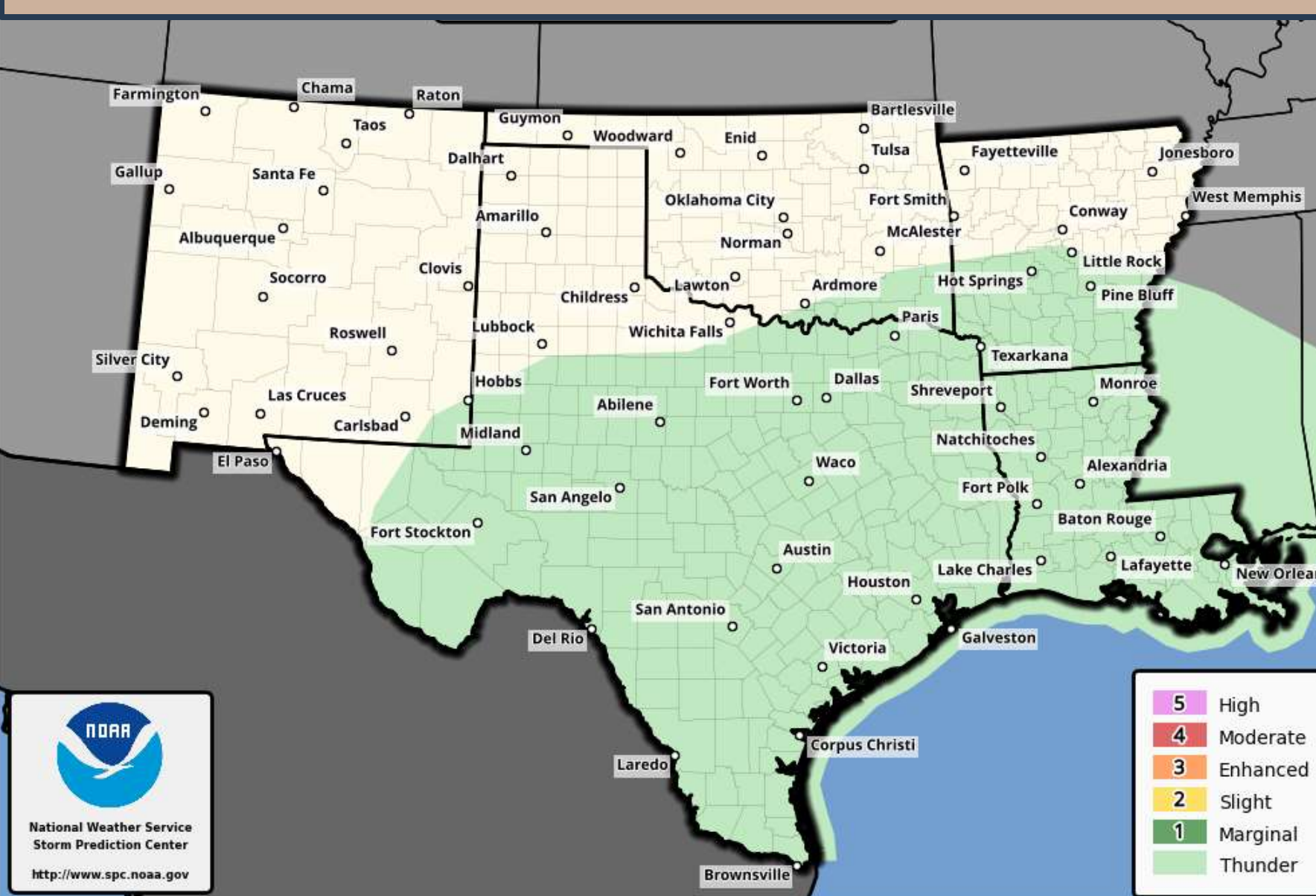
Forecast Rainfall



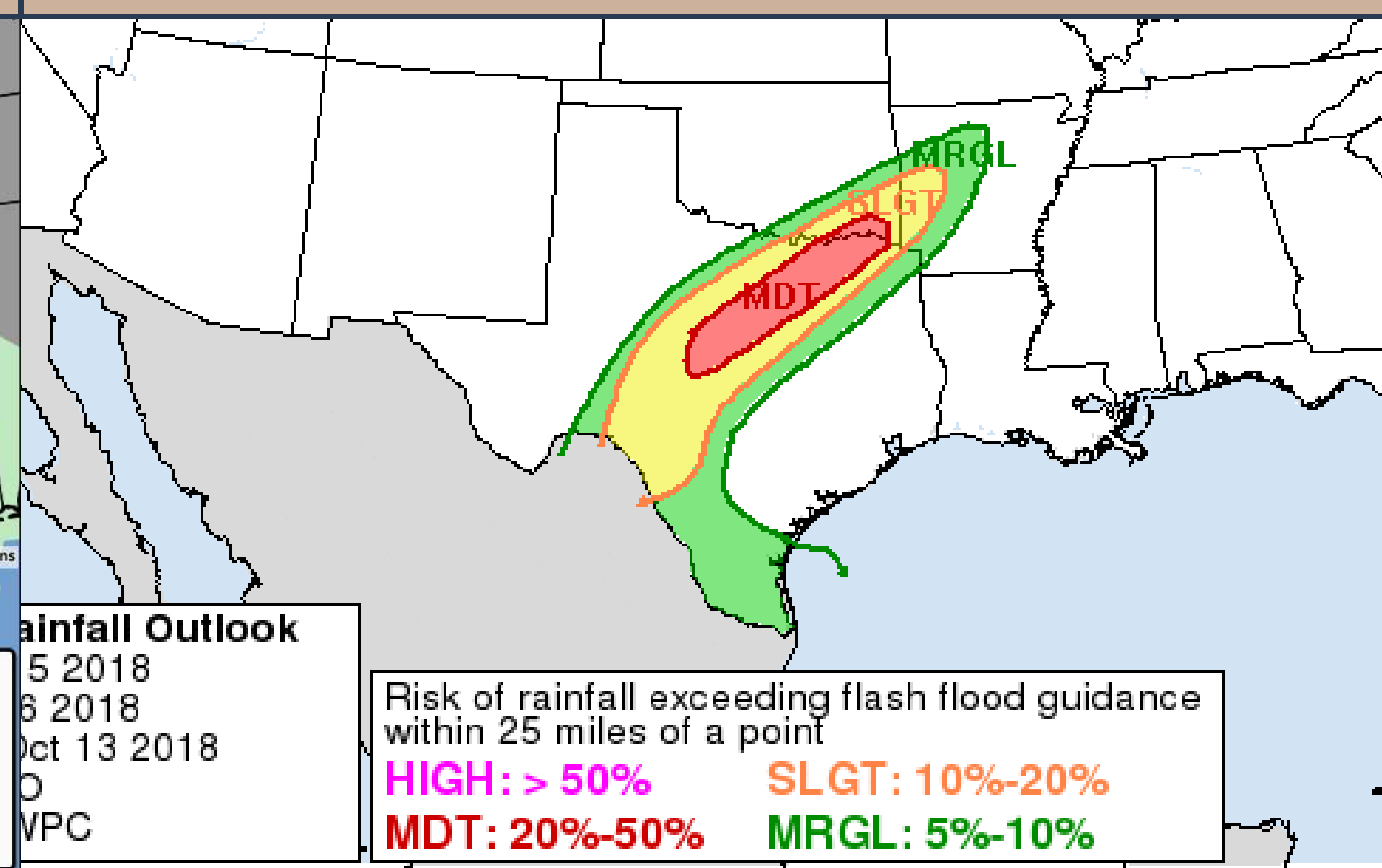
Areas of heavy rain / flash flooding continue to be likely for North-Central & Central TX and SE OK.

Isolated heavy rain possible from W-Central AR through SE OK and into N-Central through SW TX.

Severe Weather Outlook



Excessive Rainfall Outlook



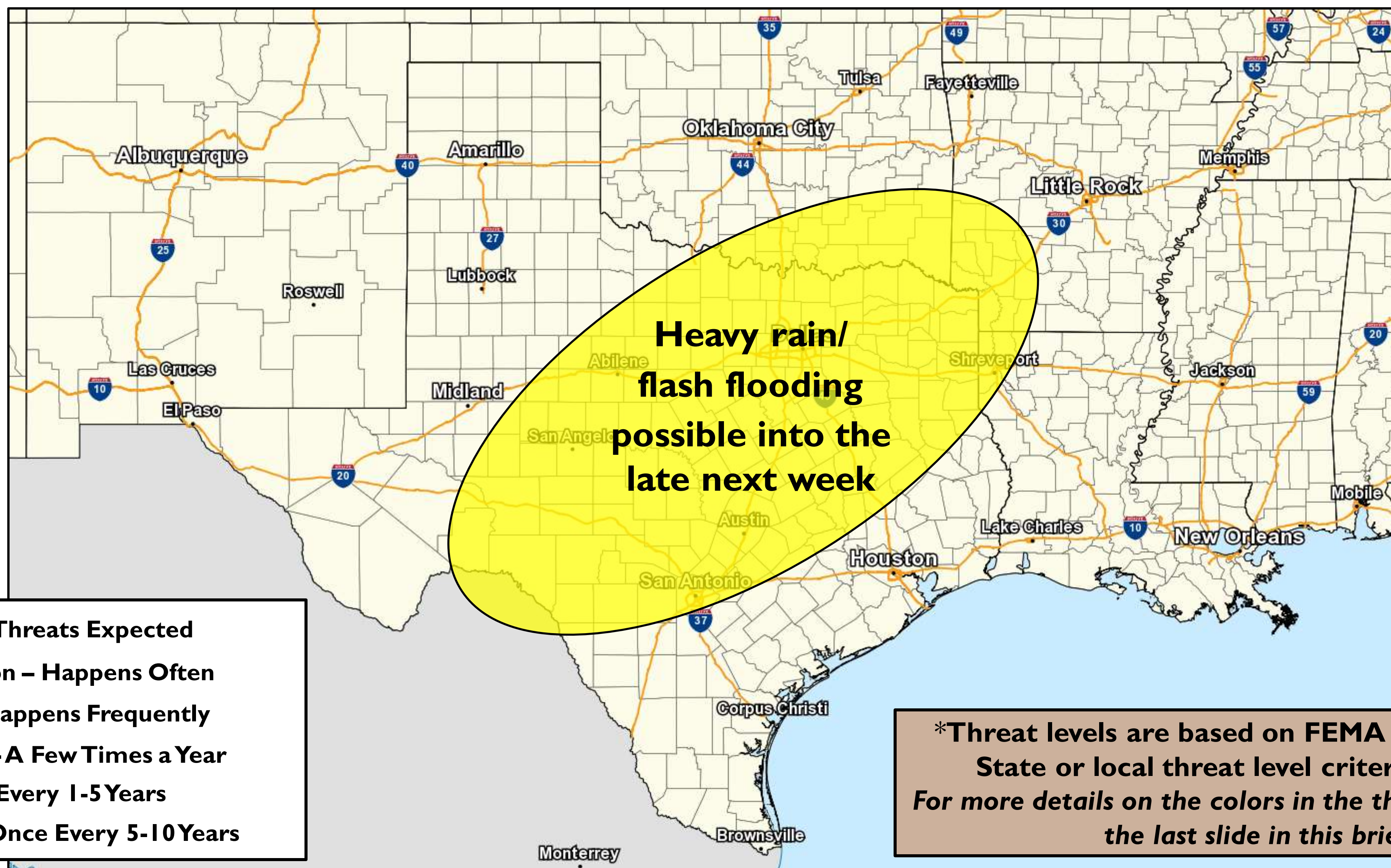
Continued snow likely NE into Central NM; impacts to I-25 and I-40 possible into Monday.

Days 4-5 Weather Hazards

Tuesday - Wednesday



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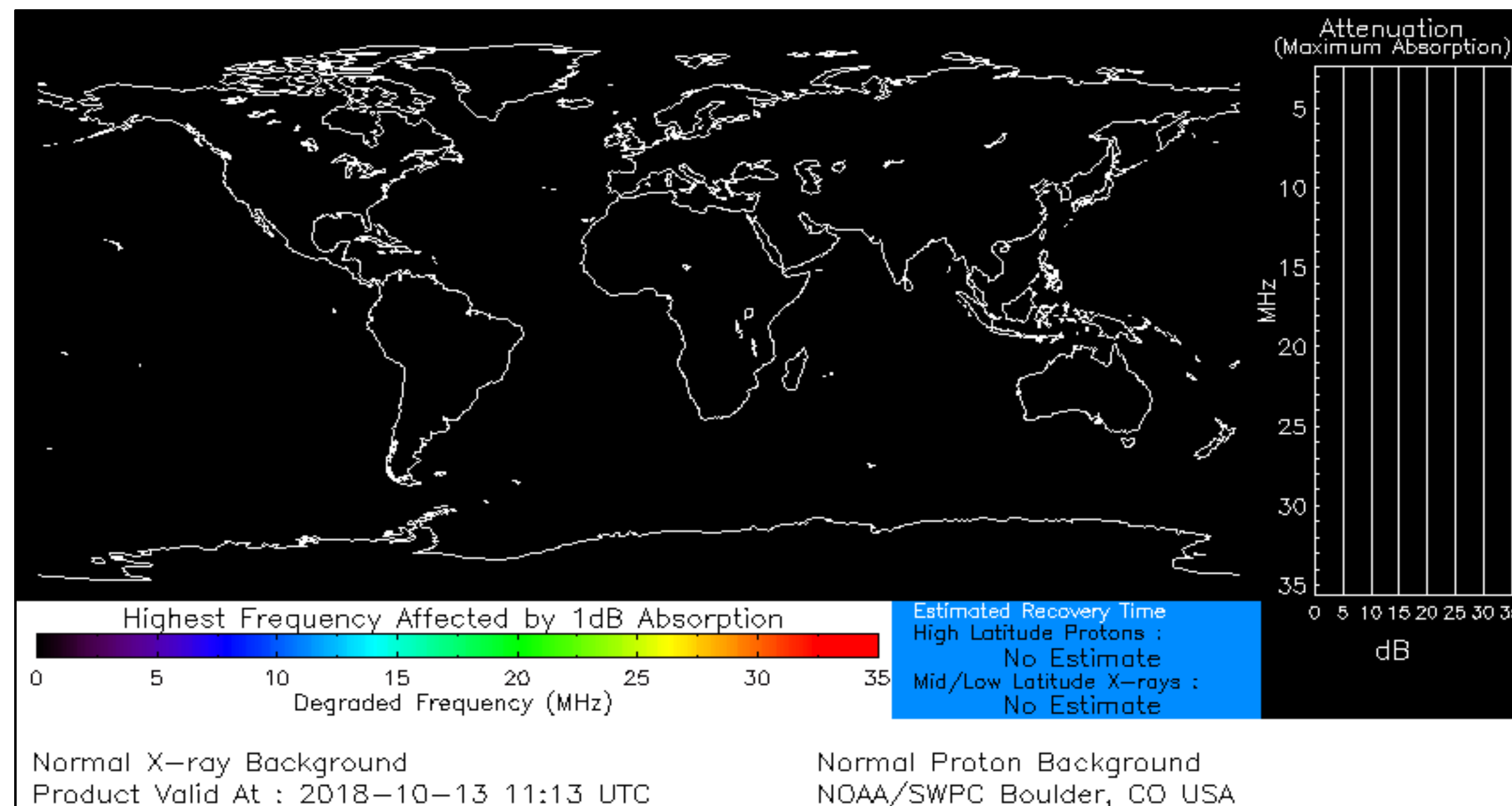


Space Weather 3-Day Forecast



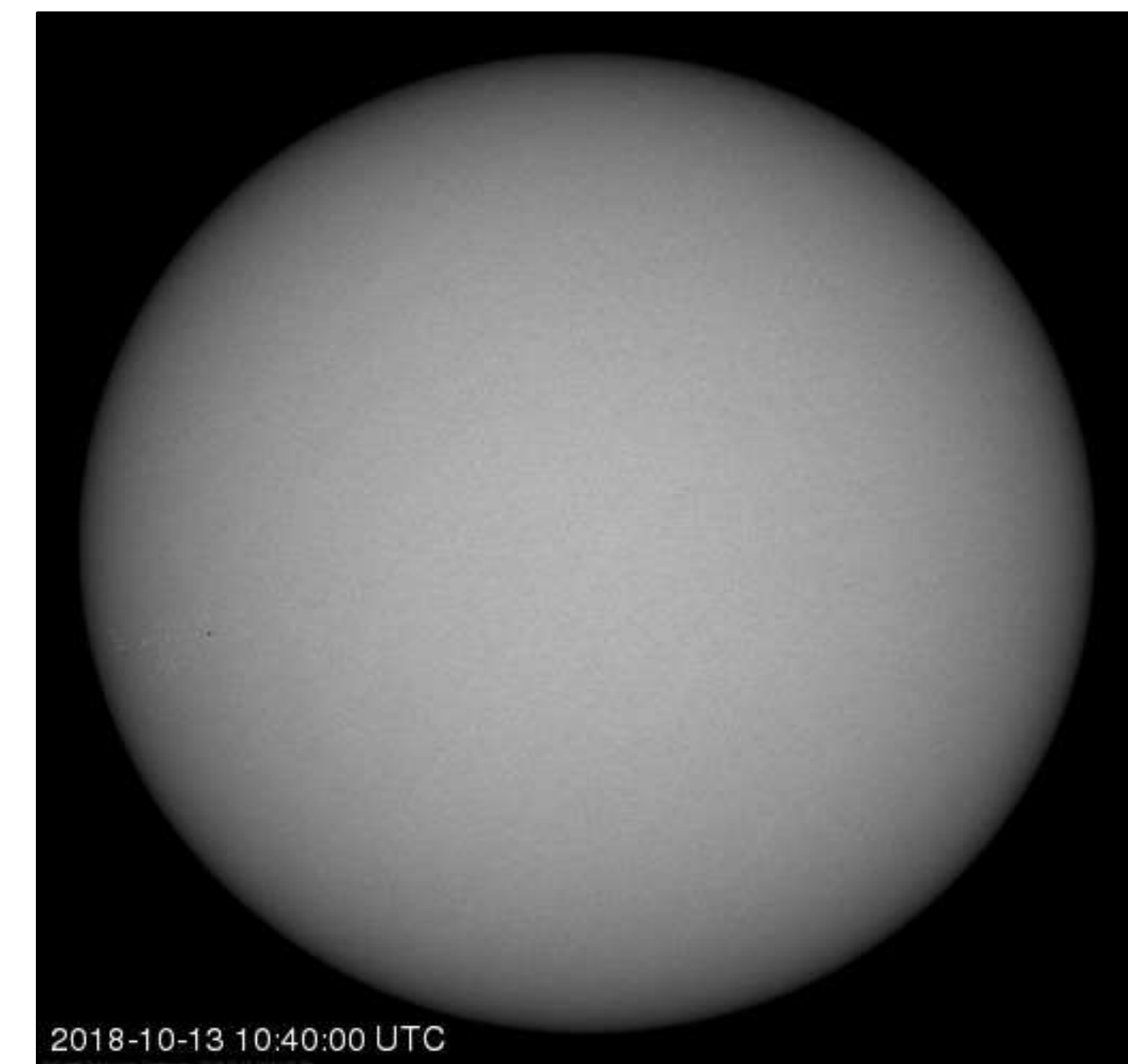
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





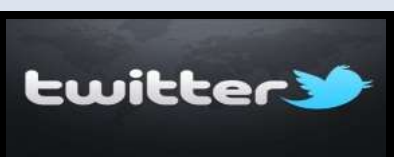
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov